



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date January 9, 2012	EPA Reg No./File Symbol 19713-632	Page 1 of 5
Applicant's/Registrant's Name & Address DREXEL CHEMICAL COMPANY, P.O. BOX 13327, MEMPHIS, TN 38113-0327	Product DREXEL DEFOLTECH-II	

Ingredient Sodium Chlorate

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product identity and composition	47822201	Tronox	Per	
830.1600	Description of materials used to produce the product	47822201	Tronox	Per	
830.1620	Description of production process	47822201	Tronox	Per	
830.1670	Discussion of impurities	47822201	Tronox	Per	
830.1700	Preliminary analysis	47790101; 47790201	Tronox	Per	
	Preliminary analysis	43061001	Sodium Chlorate Task Force	Own	
830.1750	Certified limits	-	Drexel Chemical Company	Own	1 (See CSF)
830.1800	Enforcement analytical method	43061001	Tronox	Per	
830.6302	Color	43061002	Sodium Chlorate Task Force	Own	
830.6303	Physical state	43061002	Sodium Chlorate Task Force	Own	
830.6304	Odor	43061002	Sodium Chlorate Task Force	Own	
830.6313	Stability	48639301	Drexel Chemical Company	Own	
830.6314	Oxidation/Reduction reaction	-	-	-	2
830.7000	pH	43061002	Sodium Chlorate Task Force	Own	
830.7050	UV/Vis	47680201	Sodium Chlorate Task Force	Own	

Signature 	Name and Title Scott Pace, Director, Registration Division	Date 1/9/2012
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Page 2 of 5

Applicant's/Registrant's Name & Address

DREXEL CHEMICAL COMPANY, P.O. BOX 13327, MEMPHIS, TN 38113-0327

Product

DREXEL DEFOL TECH-II

Ingredient Sodium Chlorate

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7200	Melting point	48336601	Drexel Chemical Company	Own	
830.7300	Density	43061002	Sodium Chlorate Task Force	Own	
830.7330	Dissociation constant in water	48336601	Drexel Chemical Company	Own	
830.7570	Octanol/Water partition coefficient	48336601	Drexel Chemical Company	Own	
830.7840	Water solubility	48336601	Drexel Chemical Company	Own	
830.7950	Vapor pressure	48336601	Drexel Chemical Company	Own	
830.6315	Flammability	48336601	Drexel Chemical Company	Own	
830.6316	Explosibility	48336601	Drexel Chemical Company	Own	
830.6317	Storage stability	48030101	Erco	Per	
830.6319	Miscibility	48336601	Drexel Chemical Company	Own	
830.6320	Corrosion characteristics	48030101	Erco	Per	
830.7100	Viscosity	-	-	-	3
870.1100	Acute oral toxicity	41819901	Sodium Chlorate Task Force	Own	
870.1200	Acute dermal toxicity	42497601	Sodium Chlorate Reregistration Task Force	Own	
870.1300	Acute inhalation	41819903	Sodium Chlorate Reregistration Task Force	Own	

Signature

Digitally signed by Users, Scott Pace
DN: dc=com, dc=drexel, cn=Users, cn=Scott Pace,
email=space@drexchem.com
Date: 2012.01.09 11:13:57 -06'00'

Name and Title

Scott Pace, Director, Registration Division

Date

1/9/2012



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Applicant's/Registrant's Name & Address DREXEL CHEMICAL COMPANY, P.O. BOX 13327, MEMPHIS, TN 38113-0327	Product DREXEL DEFOL TECH-II	

Ingredient Sodium Chlorate

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2400	Primary eye irritation	41819004	Sodium Chlorate Task Force	Own	
870.2500	Primary dermal irritation	42497602	Sodium Chlorate Reregistration Task Force	Own	
870.2600	Skin sensitization	41819006	Sodium Chlorate Reregistration Task Force	Own	
GENERIC DATA:					
Cite all	Cite all	Cite all	Residential Exposure Task Force	Own	
			Generic Data Endangered Species Task Force	Own	
			Agricultural Handlers Exposure Task Force	Own	
			Agricultural Reentry Task Force	Own	
			Spray Drift Task Force	Own	
			Sodium Chlorate Reregistration Task Force	Own	
			Sodium Chlorate Task Force	Own	
			Tronox LLC	Per	
			Eka Chemicals Inc.	Pay	
			Erco Worldwide	Pay	
			Perk Products and Chemical Co. Inc.	Pay	

Signature

Digitally signed by Users, Scott Pace
DN: dc=com, dc=drexel, cn=Users, cn=Scott Pace,
email=space@drexchem.com
Date: 2012.01.09 11:15:04 -06'00'

Name and Title

Scott Pace, Director, Registration Division

Date

1/9/2012

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Drexel Defol Tech-II

DATA MATRIX NOTES

- 1 **Certified Limits:** The certified limits are presented in the CSF dated 8/25/2011 currently on file with the Agency.
- 2 **Oxidation/Reduction:** Drexel requested waiver for this guideline on August 25, 2011 on the basis that Sodium Chlorate is a known strong oxidizer. This fact is stated under the Physical/Chemical Hazards section of Defol Tech-II 8/30/2011 EPA Stamped Accepted label.
- 3 **Viscosity:** Not applicable. Product is solid.